



# MycoTWIN

Worldwide Mycotoxin Management via  
Co-Creation of Innovative Strategies

## Newsletter 1

### September 2021



### **WELCOME to the first release of MycoTWIN updates!**

*MycoTWIN will support the entire value chain from planning of the cropping system to cultivation of crops, harvest, storage, transport, processing and consuming, all of which can be affected by mycotoxins. The project is funded under Horizon 2020, the European Union's Research and Innovation programme.*

*We are pleased to share the first MycoTWIN newsletter with you, and look forward to sharing more news with you soon. Enjoy!*

### **MycoTWIN : What is it about?**

The project MycoTWIN - Enhancing Research and Innovation Capacity of TÜBİTAK MAM Food Institute on Management of Mycotoxigenic Fungi and Mycotoxins is conducted to significantly strengthen research on mycotoxigenic fungi and mycotoxins between TUBITAK, an institute from a widening country, and two internationally-leading research institutes in Member States Countries, the Institute of Sciences of Food Production-National Research Council of Italy (CNR-ISPAs) and the University of Valencia - Spain (UV).



TÜBİTAK MAM  
Food Institute  
(Turkey)



CNR - Consiglio  
Nazionale delle  
Ricerche (Italy)



UV - University of  
Valencia (Spain)



MycoTWIN will enhance the scientific and technological capacity of all three institutions in this specific field with a principal focus on TUBITAK.

The project will provide knowledge and experience transfers on mycotoxigenic fungi and mycotoxins achieved from other FP7 and H2020 projects (e.g. MycoRed and MycoKey), and clustered in three operational areas:

- i) Integrated Information System;
- ii) Toxigenic Fungi and Mycotoxin Monitoring;
- iii) Prevention, Intervention and Remediation



### MycoTWIN project kicked off

15 December 2020

The project started on December 1, 2020. To the kick-off meeting, held on December 15, 2020, participated CNR-ISPA (Italy) and UV (Spain), the Project Advisor from the EU REA (Research Executive Agency) and the coordinating institute TUBITAK MAM (Turkey). The topic of the discussion during the meeting was on project activities and targets, and made plans for the activities in 2021.



### MycoTWIN website set up

The MycoTWIN project website has been set up and is accessible for everyone at [www.mycotwin.eu](http://www.mycotwin.eu). It is responsive to the browser, making it also readable from mobile devices. The website of the project generally includes the introduction of the project, the main objectives of the project and the activities to be carried out. This website will disseminate detailed information about the mission, objectives, strategies, activities, events, other communication and dissemination initiatives, news, etc. Consequently, the content and access to results will be ensured by continuous maintenance and upgrade.



## MycoTWIN - FoodSafety4EU Joint Working Group Meeting Held

**23 June 2021**

1<sup>st</sup> Working Group Meeting of MycoTWIN was organized on June 23, 2021 with the cooperation of FoodSafety4EU and MycoTWIN projects and attended by CNR-ISPA, UV, APRE (The Agency for the Promotion of European Research - Italy), and the institutes and units of TÜBİTAK MAM, especially from TÜBİTAK MAM Food Institute.



In the meeting, the participants discussed the executive, administrative and financial operations of the EU projects, the proposal preparation matters for Horizon Europe calls, the future of food safety research in Europe, the regulations and the needs in the future.

## 1<sup>st</sup> Info Day – From Farm to Table Osmaniye Peanut held

**01 September 2021**

"Osmaniye Peanuts from Field to Table" workshop was held in Osmaniye, Turkey where the solutions and suggestions of the problems in the agriculture, processing and marketing of peanuts were evaluated. The first Info Day of the MycoTWIN project was held simultaneously within the workshop. The Info Day was carried out in cooperation with the Oil Seeds Research Institute Directorate, TÜBİTAK MAM Food Institute, Eastern Mediterranean Development Agency, Osmaniye Korkut Ata University and Osmaniye Commodity Exchange. The participant profile consisted of academics, bureaucrats, farmers, unions, public officials and students.



Dr. Hayrettin Özer, as the coordinator of MycoTWIN, made a presentation titled "MycoTWIN - Enhancing Research and Innovation Capacity of TÜBİTAK MAM Food Institute on Management of Mycotoxigenic Fungi and Mycotoxins" and invited the participants to get involved in the project activities.

Ceyda Pembeci Kodolbaş, as a member of the project team, presented "Aflatoxin problem in peanut and methods of prevention" focusing on the problem of aflatoxin in peanuts.

## Establishment of Mycotoxin Platform of Turkey

The Platform aims to increase scientific knowledge and experience in Turkey concerning mycotoxins and toxigenic fungi by a co-creation methodology through membership networking, scientific meetings, working groups, seminars, discussions, technical trainings and publications. Active participation of food chemists and technologists, plant pathologists, mycologists, nutritionists, food producers, retailers, associations and policy makers are expected in the platform.



Co-creation



The Platform will promote research on mycotoxins and toxigenic fungi thereby leading to prevention and reduction in exposure to mycotoxins, by enhancing food safety in Turkey. This well-structured multi-disciplinary research group, which deals with all known aspects of mycotoxins and toxigenic mould issues, will be able to provide the most adequate strategies and solutions for the different stakeholders. Progress activities and new achievements obtained during the project will be spread through the website of the project and the newsletters.

## Activities of MycoTWIN Academy

MycoTWIN aims to obtain exchange of knowledge among partner countries, with a special focus on early-stage researchers, by organizing a series of trainings, summer schools, workshops, info days, seminars and technical visits from TUBITAK to partners/ research centers, industries in Europe and Turkey, and expert visits from partners to TUBITAK. These activities will also improve networking of MycoTWIN partners by bringing participants and experts together from around the globe. The latest news about the activities will be spread through the website of the project and the newsletters.



## International Conference

9-12 November 2021



## MycoTwin-MycoKey 2021 International Conference

9-12 November 2021, Bari, Italy



**ON LINE & in Presence  
Conference**

The conference “Integrated and innovative key actions for mycotoxin management in the food and feed chain” will be jointly organized by International Society of Mycotoxicology, Mycokey, and MycoTWIN projects in Bari, Italy on 9-12 November 2021.

The meeting will start with an overview of the main scientific achievements of the MycoKey project and will be therefore focused on the updates on toxigenic fungi and related mycotoxins by presentations of International Keynote Speakers. Moreover, MycoTWIN project will be presented and related Workshops based on selected topics will be carried out on the behalf of the meeting. Finally, the conference will host also the 2<sup>nd</sup> International Forum on Mycotoxins in Animal Production. Due to the COVID emergency, this international Conference will be organized as a hybrid Conference, since both in situ and online presentations will be allowed.

For more info see the website: <https://mycotwinbari2021.mycok ey.eu/>



The MycoTWIN communication channels are open, join us!

If you like to learn more on objectives and activities of MycoTWIN project, go to <https://mycotwin.eu/> and also subscribe to our newsletter.

MycoTWIN is also on Twitter, Linkedin, Facebook and Instagram.

FOLLOW US!



/mycotwin



On behalf of all the project partners, we extend a sincere 'Thank You' for your interest in MycoTWIN, and we look forward to hearing from you either comments or contributions to our activities or on your own efforts in mycotoxin related science and technology.

Best wishes,

Dr. Hayrettin Özer and the MycoTWIN Communication Team

Coordinator



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